

# Converting Colors

YUV(169.0020, -66.5560,  
67.5272)

Have a look what the booklet for  
YUV(169.0020, -66.5560, 67.5272)  
contains.

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# Color

**YUV(169.0020, -66.5560,  
67.5272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F69C22
RGB	246, 156, 34
RGB Percent	96%, 61%, 13%
CMY	0.0353, 0.3882, 0.8667
CMYK	0.00, 0.37, 0.86, 0.04
HSL	35°, 92%, 55%
HSV	35°, 86%, 96%
XYZ	50.1832, 43.4853, 7.2619
YIQ	169.0020, 92.8020, -18.8620

# Conversions

## Conversions Part 2

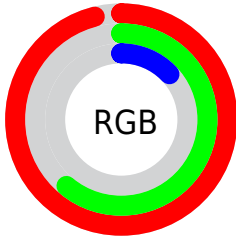
Format	Color
R <sub>YB</sub>	190, 246, 34
Decimal	16161826
CIE Lab	71.88, 25.31, 70.42
CIE LCh	72, 74.827, 70.227
Yxy	43.4853, 0.4972, 0.4308
Android (android.graphics.Color)	4294351906 (0xFFFF69C22)
YUV	169.0020, -66.5560, 67.5272
Hunter-Lab	65.9434, 20.4386, 39.6311

# Details

The YUV color **169.0020, -66.5560, 67.5272** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **110.9980, 66.5560, -67.5272**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5900, -58.4649, 38.9476**, and **116.0640, -57.2196, 59.5799** is the 20% darker color. If you saturate the color by 10%, you get **160.2820, -74.5820, 75.1747**, and if you desaturate by 10%, it is **177.7220, -58.5299, 59.8798**.

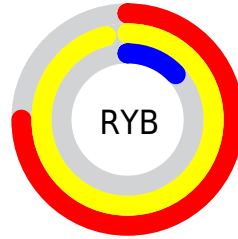
# Distribution



Red (96%)

Green (61%)

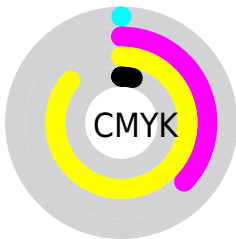
Blue (13%)



Red (75%)

Yellow (96%)

Blue (13%)

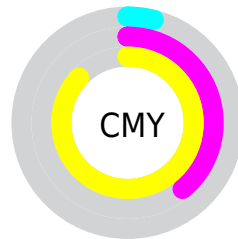


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (4%)



Cyan (4%)

Magenta (39%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.0020, -66.5560, 67.5272 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 169.0020, -66.5560, 67.5272 by changing the saturation by 10% instead.



169.0020,  
-66.5560, 67.5272

169.0020,  
-66.5560, 67.5272

255.0000, 0.0000,  
0.0000

140.5950,  
-69.3133, 65.2532

210.5900,  
-58.4649, 38.9476

116.0640,  
-57.2196, 59.5799

230.2180,  
-54.3375, 21.7338

92.7070, -45.7046,  
52.8770

242.8020,  
-46.7374, 10.6976

70.2360, -34.6263,  
46.2740

245.9940,  
-34.5070, 7.8983

48.0640, -23.6956,  
40.2859

249.1860,  
-22.2767, 5.0989

26.1910, -12.9122,  
34.9125

252.4920, -9.6096,

12.5580, -6.1911,

2.1995

25.8206

■ 0.0000, 0.0000,  
0.0000

■ 169.0020,  
-66.5560, 67.5272

■ 169.0020,  
-66.5560, 67.5272

■ 160.2820,  
-74.5820, 75.1747

■ 177.7220,  
-58.5299, 59.8798

■ 156.9080,  
-77.3556, 78.1337

■ 186.9150,  
-51.2301, 51.8175

■ 195.6350,  
-43.2041, 44.1701

■ 204.8280,  
-35.9042, 36.1078

■ 213.5480,  
-27.8782, 28.4604

■ 222.8550,  
-20.1415, 20.2982

■ 231.4610,  
-12.5523, 12.7507

■ 240.7680, -4.8156,  
4.5885

■ 249.3740, 2.7736,  
-2.9590

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.1680, -34.5928, 82.2907



169.0020, -66.5560, 67.5272



161.8720, -79.8029, 22.9143

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



169.0020, -66.5560, 67.5272



144.6680, 26.2927, -126.8738



177.8500, 38.0350, 27.3186

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



169.0020, -66.5560, 67.5272



110.9980, 66.5560, -67.5272

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



149.7240, 51.9011, -80.4419



169.0020, -66.5560, 67.5272



149.9920, 51.7689, -131.5430

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



169.0020, -66.5560, 67.5272



134.8130, -3.8518, -118.2310



144.1220, 54.6629, -126.3950



170.4600, 26.3952, 74.1416



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



169.0020, -66.5560, 67.5272



159.5370, -58.4387, -16.2569



144.1220, 54.6629, -126.3950



174.1410, 39.8635, 0.7533

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



169.0020, -66.5560, 67.5272



231.0400, -20.7257, 21.0129



107.8760, 8.9351, 121.1347



113.4610, -12.5523, 12.7507



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.0020, -66.5560, 67.5272



162.5340, -80.1293, 81.0927



217.6460, -90.5375, 12.5885



117.6970, -3.7946, 3.7737



118.4230, -58.3825, 59.2650



37.5990, -18.5363, 18.7687



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



110.9980, 66.5560, -67.5272



92.4660, 80.1293, -81.0927



62.3540, 90.5375, -12.5885



114.3030, 3.7946, -3.7737



67.5770, 58.3825, -59.2650



21.4010, 18.5363, -18.7687



# Previews

## White Background



This preview shows how the YUV color 169.0020, -66.5560, 67.5272 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.0020, -66.5560, 67.5272 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 169.0020, -66.5560, 67.5272

## Background



This preview shows how black text looks on a background with the YUV color 169.0020, -66.5560, 67.5272.



This preview shows how white text looks on a background with the YUV color 169.0020, -66.5560,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

169.0020, -66.5560, 67.5272

### Protanopia

167.8460, -63.5211, 27.3221

### Deuteranopia

167.6700, -69.8433, 48.5244



## Tritanopia

178.2470, -10.9678, 64.6814

# Trichromacy



## Original Color

169.0020, -66.5560, 67.5272

## Protanomaly

168.0050, -64.5855, 42.0916

## Deuteranomaly

168.0560, -68.5546, 55.2019

## Tritanomaly

174.9810, -31.0496, 65.7917

# Monochromacy



## Original Color

169.0020, -66.5560, 67.5272

## Achromatopsia

169.0000, 0.0000, 0.0000

## Achromatomaly

168.8510, -24.0835, 24.6867

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.0020, -66.5560, 67.5272 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 156, 34)` looks like.

```
.text, #text, p{  
    color:rgb(246, 156, 34)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 156, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 156, 34) }
```

## Border

The CSS property to change the border of an element to YUV 169.0020, -66.5560, 67.5272 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 156, 34) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 156, 34) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 156, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 156, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 156, 34);  
box-shadow:4px 4px 4px 4px rgb(246, 156,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 169.0020, -66.5560, 67.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 156, 34) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
156, 34) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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